MATERIAL SAFETY DATA SHEET

D8001 545 EPOXY PRIMER WHITE

Akzo Nobel Coatings Interlux Yacht Finishes 2270 Morris Avenue P. O. Box 386 Union, NJ 07083 MSDS Revision No: A3 –9
MSDS Revision Date: 06/28/2010

Sales Order: {SalesOrd}
A3 -9



 (800) 424–9300
 CHEMTREC (USA)

 (703) 527–3887
 CHEMTREC (Intl)

 (800) 854–6813
 Poison Control Center

 CUSTOMER SERVICE:
 (Non–Emergency)

 (800) 589–1267
 International Paint

 (800) 631–7481
 Interlux



1. GENERAL INFORMATION

Product Identity: D8001 545 EPOXY PRIMER WHITE

Bulk Sales Reference No: OD8001

IMPORTANT: Read this MSDS before handling or disposing of this product, and provide this information to the employee, customers, and users of this product. PLEASE NOTE THE MSDS REVISION NUMBER AT THE TOP OF THIS PAGE. If the MSDS Revision Number posted at the top of this page does not match the MSDS Revision Number on the product label, please contact Customer Service at the phone number included above for the correct MSDS. This product is covered by the OSHA Hazard Communication Standard and this document has been prepared in accordance with requirements of this standard.

NOTICE: OSHA hazardous chemicals are listed in Section 2 if present at 1% or more. Carcinogens and extraordinarily/special hazardous chemicals are listed in Section 2 if present at .1% or more. Additional regulatory information for specific chemical categories is included in Section 15.

2. HAZARDOUS INGREDIENT INFORMATION

| CAS No. | Ingredient Name & % | Source | Exposure Data | |
|--------------|---|---|--|--|
| | | OSHA: | 400 ppm TWA; 980 mg/m3 TWA500 ppm STEL; 1225 mg/m3 STEL | |
| | | ACGIH: | 200 ppm TWA400 ppm STEL | |
| | | NIOSH: | 400 ppm TWA; 980 mg/m3 TWA500 ppm STEL; 1225 mg/m3 STEL2000 ppm IDLH (10% LEL) | |
| | | Supplier: | No Established Limit | |
| | | OHSA, CAN: | 200 ppm TWAEV400 ppm STEV | |
| 0000067–63–0 | Isopropyl alcohol 10 – 25% by Weight | Mexico: | 400 ppm TWA; 980 mg/m3 TWA500 ppm STEL; 1225 mg/m3 STEL | |
| | | Brazil: | 310 ppm TWA; 765 mg/m3 TWA | |
| | | Source | Health Data | |
| | | NIOSH: | Mucous membrane irritation; possible carcinogenic effects | |
| | | Source | Carcinogen Data | |
| | | OSHA: | Select Carcinogen: No | |
| | | NTP: | Known Carcinogen: No; Suspected Carcinogen: No | |
| | | IARC: | Group 1: No; Group 2A: No; Group 2b: No; Group 3: Yes; Group 4: No | |
| | | | | |
| | | | Group 20. No., Group 3. Tes, Group 4. No | |
| CAS No. | Ingredient Name & % | Source | Exposure Data | |
| CAS No. | Ingredient Name & % | Source OSHA: | | |
| CAS No. | Ingredient Name & % | | Exposure Data 100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 | |
| CAS No. | Ingredient Name & % | OSHA: | Exposure Data 100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling | |
| CAS No. | Ingredient Name & % | OSHA: ACGIH: NIOSH: Supplier: | Exposure Data 100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling 20 ppm TWA | |
| CAS No. | ŭ | OSHA: ACGIH: NIOSH: | Exposure Data 100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling 20 ppm TWA 50 ppm Ceiling; 150 mg/m3 Ceiling1400 ppm IDLH (10% LEL) No Established Limit 20 ppm TWAEV | |
| CAS No. | Butanol | OSHA: ACGIH: NIOSH: Supplier: | Exposure Data 100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling 20 ppm TWA 50 ppm Ceiling; 150 mg/m3 Ceiling1400 ppm IDLH (10% LEL) No Established Limit 20 ppm TWAEV No Established Limit | |
| | ŭ | OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN: | Exposure Data 100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling 20 ppm TWA 50 ppm Ceiling; 150 mg/m3 Ceiling1400 ppm IDLH (10% LEL) No Established Limit 20 ppm TWAEV No Established Limit No Established Limit | |
| | Butanol | OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN: Mexico: | Exposure Data 100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling 20 ppm TWA 50 ppm Ceiling; 150 mg/m3 Ceiling1400 ppm IDLH (10% LEL) No Established Limit 20 ppm TWAEV No Established Limit | |
| | Butanol | OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN: Mexico: Brazil: | Exposure Data 100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling 20 ppm TWA 50 ppm Ceiling; 150 mg/m3 Ceiling1400 ppm IDLH (10% LEL) No Established Limit 20 ppm TWAEV No Established Limit No Established Limit | |
| | Butanol | OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN: Mexico: Brazil: Source | Exposure Data 100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling 20 ppm TWA 50 ppm Ceiling; 150 mg/m3 Ceiling1400 ppm IDLH (10% LEL) No Established Limit 20 ppm TWAEV No Established Limit No Established Limit Health Data | |
| | Butanol | OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN: Mexico: Brazil: Source NIOSH: | Exposure Data 100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling 20 ppm TWA 50 ppm Ceiling; 150 mg/m3 Ceiling1400 ppm IDLH (10% LEL) No Established Limit 20 ppm TWAEV No Established Limit No Established Limit Health Data Eye and mucous membrane irritation CNS depression | |
| | Butanol | OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN: Mexico: Brazil: Source NIOSH: Source | Exposure Data 100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling 20 ppm TWA 50 ppm Ceiling; 150 mg/m3 Ceiling1400 ppm IDLH (10% LEL) No Established Limit 20 ppm TWAEV No Established Limit No Established Limit Health Data Eye and mucous membrane irritation CNS depression Carcinogen Data | |

| | | IARC: | Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No | | |
|--------------|-----------------------------|------------|---|--|--|
| CAS No. | Ingredient Name & % | Source | Exposure Data | | |
| | | OSHA: | 200 ppm TWA; 590 mg/m3 TWA300 ppm STEL; 885 mg/m3 STEL | | |
| | | ACGIH: | 200 ppm TWA300 ppm STEL | | |
| | | NIOSH: | 200 ppm TWA; 590 mg/m3 TWA300 ppm STEL; 885 mg/m3 | | |
| | | Supplier: | STEL3000 ppm IDLH No Established Limit | | |
| | | | 200 ppm TWAEV; 590 mg/m3 TWAEV300 ppm STEV; 885 | | |
| | Butanone | OHSA, CAN: | mg/m3 STEV | | |
| 0000078-93-3 | 1.0 – 10% by Weight | Mexico: | 200 ppm TWA; 590 mg/m3 TWA300 ppm STEL; 885 mg/m3 STEL | | |
| | | Brazil: | 155 ppm TWA; 460 mg/m3 TWA | | |
| | | Source | Health Data | | |
| | | NIOSH: | Irritation; liver kidney | | |
| | | Source | Carcinogen Data | | |
| | | OSHA: | Select Carcinogen: No | | |
| | | NTP: | Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; | | |
| | | IARC: | Group 2b: No; Group 3: No; Group 4: No | | |
| CAS No. | Ingredient Name & % | Source | Exposure Data | | |
| | | OSHA: | 100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL | | |
| | | ACGIH: | 100 ppm TWA125 ppm STEL | | |
| | | NIOSH: | 100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 | | |
| | | | STEL800 ppm IDLH (10% LEL) No Established Limit | | |
| | | Supplier: | 100 ppm TWAEV; 435 mg/m3 TWAEV125 ppm STEV; 540 | | |
| | Benzene, ethyl- | OHSA, CAN: | mg/m3 STEV | | |
| 0000100-41-4 | 0.10 – 1.0% by Weight | Mexico: | 100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL | | |
| | | Brazil: | 78 ppm TWA; 340 mg/m3 TWA | | |
| | | Source | Health Data | | |
| | | NIOSH: | Eye skin | | |
| | | Source | Carcinogen Data | | |
| | | OSHA: | Select Carcinogen: Yes | | |
| | | NTP: | Known Carcinogen: No; Suspected Carcinogen: No | | |
| | | IARC: | Group 1: No; Group 2A: No; Group 2b: Yes; Group 3: No; Group 4: No | | |
| CAS No. | Ingredient Name & % | Source | Exposure Data | | |
| | | OSHA: | 150 ppm STEL; 540 mg/m3 STEL | | |
| | | ACGIH: | 100 ppm TWA150 ppm STEL | | |
| | | NIOSH: | 100 ppm TWA; 360 mg/m3 TWA150 ppm STEL; 540 mg/m3 STEL | | |
| | | Supplier: | No Established Limit | | |
| | Propylene glycol monomethyl | OHSA, CAN: | 100 ppm TWAEV; 365 mg/m3 TWAEV150 ppm STEV; 550 | | |
| 0000107–98–2 | ether 1.0 – 10% by Weight | Mexico: | mg/m3 STEV No Established Limit | | |
| | | Brazil: | No Established Limit No Established Limit | | |
| | | Source | Health Data | | |
| | | NIOSH: | Eye nose | | |
| | | Source | Carcinogen Data | | |
| | | OSHA: | Select Carcinogen: No | | |
| | | NTP: | Known Carcinogen: No; Suspected Carcinogen: No | | |
| | | IARC: | Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No | | |

| CAS No. | Ingredient Name & % | Source | Exposure Data |
|--------------|---|------------|--|
| | | OSHA: | 150 ppm TWA; 710 mg/m3 TWA200 ppm STEL; 950 mg/m3 STEL |
| | | ACGIH: | 150 ppm TWA200 ppm STEL |
| | | NIOSH: | 150 ppm TWA; 710 mg/m3 TWA200 ppm STEL; 950 mg/m3 STEL1700 ppm IDLH (10% LEL) |
| | | Supplier: | No Established Limit |
| | | OHSA, CAN: | 150 ppm TWAEV; 710 mg/m3 TWAEV200 ppm STEV; 950 mg/m3 STEV |
| 0000123-86-4 | BUTYL ACETATE 1.0 – 10% by Weight | Mexico: | 150 ppm TWA; 710 mg/m3 TWA200 ppm STEL; 950 mg/m3 STEL |
| | , , | Brazil: | No Established Limit |
| | | Source | Health Data |
| | | NIOSH: | Mucous membrane and eye irritation; high concentrations cause nervous system effects in animals |
| | | Source | Carcinogen Data |
| | | OSHA: | Select Carcinogen: No |
| | | NTP: | Known Carcinogen: No; Suspected Carcinogen: No |
| | | IARC: | Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No |
| CAS No. | Ingredient Name & % | Source | Exposure Data |
| | | OSHA: | 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction) |
| | | ACGIH: | No Established Limit |
| | | NIOSH: | 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust) |
| | | Supplier: | No Established Limit |
| | Limestone | OHSA, CAN: | 10 mg/m3 TWAEV (total dust, containing no asbestos and less than 1% crystalline silica) |
| 0001317–65–3 | 10 – 25% by Weight | Mexico: | 10 mg/m3 TWA20 mg/m3 STEL |
| | , . | Brazil: | No Established Limit |
| | | Source | Health Data |
| | | NIOSH: | Eye and skin irritation Physical irritation |
| | | Source | Carcinogen Data |
| | | OSHA: | Select Carcinogen: No |
| | | NTP: | Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; |
| | | IARC: | Group 2b: No; Group 3: No; Group 4: No |
| CAS No. | Ingredient Name & % | Source | Exposure Data |
| | | OSHA: | 100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL |
| | | ACGIH: | 100 ppm TWA150 ppm STEL |
| 0001330–20–7 | Xylenes (o-, m-, p- isomers) 1.0 – 10% by Weight | NIOSH: | No Established Limit |
| | | Supplier: | No Established Limit |
| | | OHSA, CAN: | 100 ppm TWAEV; 435 mg/m3 TWAEV150 ppm STEV; 650 mg/m3 STEV |
| | | Mexico: | 100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL |
| | | Brazil: | 78 ppm TWA; 340 mg/m3 TWA |
| | | Source | Health Data |
| | | NIOSH: | Central nervous system depressant; respiratory and eye irritation |
| | | Source | Carcinogen Data |
| | | OSHA: | Select Carcinogen: No |
| | | NTP: | Known Carcinogen: No; Suspected Carcinogen: No |
| | | IARC: | Group 1: No; Group 2A: No; Group 2b: No; Group 3: Yes; Group 4: No |
| CAS No. | Ingredient Name & % | Source | Exposure Data |
| | | | |

| | | OSHA: | 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction) 2 mg/m3 TWA (respirable fraction, particulate matter containing |
|--------------|---------------------|------------------|--|
| | | ACGIH: | no asbestos and |
| | | NIOSH: | 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust) |
| | | Supplier: | No Established Limit |
| 0004000 50 7 | Kaolin | OHSA, CAN: | 2 mg/m3 TWAEV (respirable, containing no asbestos and less than 1% crystalline silica) |
| 0001332–58–7 | 1.0 – 10% by Weight | Mexico: | 10 mg/m3 TWA20 mg/m3 STEL |
| | | Brazil: | No Established Limit |
| | | Source | Health Data |
| | | NIOSH: | Skin and mucous membrane injury respiratory effects |
| | | Source | Carcinogen Data |
| | | OSHA: | Select Carcinogen: No |
| | | NTP: | Known Carcinogen: No; Suspected Carcinogen: No |
| | | IARC: | Group 1: No; Group 2A: No; |
| | | IAITO. | Group 2b: No; Group 3: No; Group 4: No |
| CAS No. | Ingredient Name & % | Source | Exposure Data |
| | | OSHA: | No Established Limit |
| | | ACGIH: | No Established Limit |
| | | NIOSH: | No Established Limit |
| | | Supplier: | No Established Limit |
| | Trizinc diphosphate | OHSA, CAN: | No Established Limit |
| 0007779–90–0 | 1.0 – 10% by Weight | Mexico: | No Established Limit |
| | , , | Brazil: | No Established Limit |
| | | Source | Health Data |
| | | NIOSH: | No Established Limit |
| | | Source | Carcinogen Data |
| | | OSHA: | Select Carcinogen: No |
| | | NTP: | Known Carcinogen: No; Suspected Carcinogen: No |
| | | IARC: | Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No |
| CAS No. | Ingredient Name & % | Source | Exposure Data |
| | | OSHA: | 15 mg/m3 TWA (total dust) |
| | | ACGIH: | 10 mg/m3 TWA |
| | | NIOSH: | 5000 mg/m3 IDLH |
| | | Supplier: | No Established Limit |
| | Titanium dioxide | OHSA, CAN: | 10 mg/m3 TWAEV (total dust) |
| 0013463–67–7 | 1.0 – 10% by Weight | Mexico: | 10 mg/m3 TWA (as Ti)20 mg/m3 STEL (as Ti) |
| | | Brazil: | No Established Limit |
| | | Source | Health Data |
| | | NIOSH: | Lung tumors in animals |
| | | Source | Carcinogen Data |
| | | OSHA: | Select Carcinogen: Yes |
| | | NTP: | Known Carcinogen: No; Suspected Carcinogen: No |
| | | IARC: | Group 1: No; Group 2A: No; Group 2b: Yes; Group 3: No; Group 4: No |
| CAS No. | Ingredient Name & % | Source | Exposure Data |
| | | OSHA: | No Established Limit |
| | | ACGIH: | 0.025 mg/m3 TWA (respirable fraction) |
| | | | 0.05 / 0.7344 / 1.11 1.350 / 0.15141 / 1.11 |
| | | NIOSH: | 0.05 mg/m3 TWA (respirable dust)50 mg/m3 IDLH (respirable dust) |
| | | NIOSH: Supplier: | |
| | Quartz | | dust) |

| Mexico: Brazil: No Established Limit | | | _ | | |
|--|-------------|---|------------|---|--|
| Source NIOSH: Chronic lung disease (silicosis) Source Carcinogen Data OSHA: Select Carcinogen: Yes NTP: Known Carcinogen: Yes; Suspected Carcinogen: No IARC: Group 1: Yes; Group 2A: No; Group 3: No; Group 4: No Group 3: No; Group 4: No Source Exposure Data OSHA: No Established Limit NIOSH: No Established Limit NIOSH: No Established Limit Source Carcinogen: No NICSH: No Established Limit Source Carcinogen: No NTP: Known Carcinogen: No; Suspected Carcinogen: No NTP: Known Carcinogen: No; Group 2: No; Group 4: No CAS No. Ingredient Name & % Source Exposure Data OSHA: No Established Limit | | | Mexico: | 0.1 mg/m3 TWA | |
| NIOSH: Chronic lung disease (silicosis) Source Carcinogen Data OSHA: Select Carcinogen: Yes NTP: Known Carcinogen: Yes NTP: Known Carcinogen: Yes Croup 1: Yes; Group 2A: No; Group 4: No Group 2b: No; Group 3: No; Group 4: No CAS No. Ingredient Name & % Source Exposure Data OSHA: No Established Limit NIOSH: No Established Limit NIOSH: No Established Limit NOESHablished Limit NoEstablished Limit NoEstablished Limit NoEstablished Limit No Established Limit Source Health Data NIOSH: No Established Limit NoEstablished Limit Source Carcinogen: No NOEstablished Limit | | | Brazil: | No Established Limit | |
| Source | | | Source | Health Data | |
| OSHA: Select Carcinogen: Yes NTP: Known Carcinogen: Yes; Suspected Carcinogen: No IARC: Group 1: Yes; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No CAS No. Ingredient Name & % Source Exposure Data OSHA: No Established Limit NOSH: No Established Limit Supplier: No Established Limit NOSH: No Established Limit NOSH: No Established Limit NoBH: No Established Limit NoBH: No Established Limit Supplier: No Established Limit Source Health Data No Established Limit Source Carcinogen: No NOSH: No Established Limit Source Group 1: No; Suspected Carcinogen: No NTP: Known Carcinogen: No; Suspected Carcinogen: No NTP: Known Carcinogen: No; Group 4: No CAS No. Ingredient Name & % Source Exposure Data OSHA: No Established Limit ACGIH: No Established Limit NOSH: No Established Limit | | | NIOSH: | Chronic lung disease (silicosis) | |
| NTP: Known Carcinogen: Yes; Suspected Carcinogen: No Group 1: Yes; Group 2A: No; Group 2A: No; Group 2B: No; Group 2B: No; Group 3: No; Group 4: No Group 2B: No; Group 2B: No; Group 3: No; Group 4: No Group 2B: No; Group 3: No; Group 4: No Group 2B: No; Group 3: No; Group 4: No Group 3: No; Group 4: No Group 4: No Group 3: No; Group 4: No G | | | Source | Carcinogen Data | |
| IARC: Group 1: Yes; Group 2A: No; Group 4: No CAS No. Ingredient Name & % Source OSHA: No Established Limit Source Health Data NIOSH: No Established Limit Source OSHA: Solurce OSHA: No Established Limit Source OSHA: Select Carcinogen: No Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No CAS No. Ingredient Name & % Source Source Exposure Data OSHA: No Established Limit | | | OSHA: | Select Carcinogen: Yes | |
| IARC: Group 1: Yes; Group 2A: No; Group 4: No CAS No. Ingredient Name & % Source OSHA: No Established Limit Source Health Data NIOSH: No Established Limit Source OSHA: Solurce OSHA: No Established Limit Source OSHA: Select Carcinogen: No Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No CAS No. Ingredient Name & % Source Source Exposure Data OSHA: No Established Limit | | | NTP: | Known Carcinogen: Yes: Suspected Carcinogen: No | |
| CAS No. Ingredient Name & % Source OSHA: No Established Limit Source Health Data No Established Limit Source OSHA: Source OSHA: No Established Limit Source OSHA: Solect Carcinogen: No NTP: Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 4: No CAS No. Ingredient Name & % Source Source Exposure Data OSHA: No Established Limit | | | | | |
| OSHA: No Established Limit ACGIH: No Established Limit Source Carcinogen Data OSHA: Select Carcinogen: No NTP: Known Carcinogen: No; Suspected Carcinogen: No IARC: Group 1: No; Group 2A: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4: No CAS No. Ingredient Name & % Source Exposure Data OSHA: No Established Limit | | | IARC: | | |
| ACGIH: No Established Limit NIOSH: No Established Limit Source Carcinogen Data No Established Limit Source OSHA: Select Carcinogen: No NTP: Known Carcinogen: No; Suspected Carcinogen: No NTP: Known Carcinogen: No; Group 2A: No; Group 2b: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No CAS No. Ingredient Name & % Source Exposure Data OSHA: No Established Limit NOSH: No Established Limit | CAS No. | Ingredient Name & % | Source | Exposure Data | |
| NIOSH: No Established Limit Supplier: No Established Limit Source Health Data No Established Limit Source Carcinogen Data OSHA: Select Carcinogen: No NTP: Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No CAS No. Ingredient Name & % Source Exposure Data OSHA: No Established Limit ACGIH: No Established Limit | | | OSHA: | No Established Limit | |
| Supplier: No Established Limit Source No Established Limit No Established Limit No Established Limit Source OSHA: No Established Limit Source OSHA: No Established Limit | | | ACGIH: | | |
| FATTY ACIDS, C18–UNSATD., DIMERS, POLYMERS WITH TA 10 – 25% by Weight Pattername | | | NIOSH: | | |
| DIMERS, POLYMERS WITH TA 10 - 25% by Weight Dimers | | | Supplier: | No Established Limit | |
| DIMERS, POLYMERS WITH TA 10 - 25% by Weight Brazil: No Established Limit | | FATTY ACIDS, C18-UNSATD., | OHSA, CAN: | No Established Limit | |
| Source Health Data NIOSH: No Established Limit Source Carcinogen Data OSHA: Select Carcinogen: No NTP: Known Carcinogen: No; Suspected Carcinogen: No IARC: Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No CAS No. Ingredient Name & % Source Exposure Data OSHA: No Established Limit ACGIH: No Established Limit NIOSH: No Established Limit NIOSH: No Established Limit OHSA, CAN: No Established Limit OHSA, CAN: No Established Limit OHSA, CAN: No Established Limit No Established Limit OHSA, CAN: No Established Limit | 068082-29-1 | · · | Mexico: | | |
| NIOSH: No Established Limit Source OSHA: Select Carcinogen: No NTP: Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No CAS No. Ingredient Name & % Source OSHA: No Established Limit | | 10 – 25% by Weight | Brazil: | No Established Limit | |
| Source Carcinogen Data OSHA: Select Carcinogen: No NTP: Known Carcinogen: No; Suspected Carcinogen: No IARC: Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No CAS No. Ingredient Name & % Source Exposure Data OSHA: No Established Limit ACGIH: No Established Limit NIOSH: No Established Limit NIOSH: No Established Limit Supplier: No Established Limit OHSA, CAN: No Established Limit No Established Limit Supplier: No Established Limit No Established Limit No Established Limit Supplier: No Established Limit No Established Limit Supplier: No Established Limit No Established Limit Supplier: No Established Limit No Established Limit No Established Limit | | | Source | Health Data | |
| OSHA: NTP: Known Carcinogen: No; Suspected Carcinogen: No IARC: Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No CAS No. Ingredient Name & % Source Exposure Data OSHA: No Established Limit | | | NIOSH: | No Established Limit | |
| NTP: IARC: Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No CAS No. Ingredient Name & % Source Exposure Data OSHA: No Established Limit | | | Source | Carcinogen Data | |
| IARC: Group 1: No; Group 2A: No; Group 4: No CAS No. Ingredient Name & % Source OSHA: No Established Limit ACGIH: No Established Limit NIOSH: No Established Limit Supplier: OHSA, CAN: No Established Limit No Established Limit No Established Limit No Established Limit OHSA, CAN: No Established Limit | | | OSHA: | Select Carcinogen: No | |
| IARC: Group 1: No; Group 2A: No; Group 4: No CAS No. Ingredient Name & % Source OSHA: No Established Limit ACGIH: No Established Limit NIOSH: No Established Limit Supplier: OHSA, CAN: No Established Limit No Established Limit No Established Limit No Established Limit OHSA, CAN: No Established Limit | | | NTP: | Known Carcinogen: No: Suspected Carcinogen: No | |
| CAS No. Ingredient Name & % Source Exposure Data OSHA: No Established Limit ACGIH: No Established Limit NIOSH: No Established Limit Supplier: No Established Limit OHSA, CAN: No Established Limit OHSA, CAN: No Established Limit OHSA, CAN: No Established Limit Talc (*non-asbestiform) No Established Limit | | | | Group 1: No; Group 2A: No; | |
| OSHA: No Established Limit ACGIH: No Established Limit NIOSH: No Established Limit Supplier: No Established Limit Supplier: No Established Limit OHSA, CAN: No Established Limit OHSA, CAN: No Established Limit No Established Limit | | | | Group 20. No., Group 3. No., Group 4. No | |
| ACGIH: No Established Limit NIOSH: No Established Limit Supplier: No Established Limit OHSA, CAN: No Established Limit OHSA, CAN: No Established Limit No Established Limit | CAS No. | Ingredient Name & % | Source | Exposure Data | |
| NIOSH: Supplier: OHSA, CAN: No Established Limit OHSA, CAN: No Established Limit OHSA, CAN: No Established Limit No Established Limit | | Tale (from solver) | OSHA: | No Established Limit | |
| Supplier: OHSA, CAN: No Established Limit OHSA, CAN: No Established Limit No Established Limit No Established Limit | | | ACGIH: | No Established Limit | |
| OHSA, CAN: No Established Limit Talc (*non-asbestiform) No Established Limit | | | NIOSH: | No Established Limit | |
| Talc (*non-asbestiform) Mayion No Established Limit | | | Supplier: | No Established Limit | |
| | | | OHSA, CAN: | No Established Limit | |
| | 14807–96–6* | Talc (*non-asbestiform) 10 - 25% by Weight | Mexico: | No Established Limit | |
| Brazil: No Established Limit | | | Brazil: | No Established Limit | |
| Source Health Data | | | Source | Health Data | |
| NIOSH: No Established Limit | | | NIOSH: | No Established Limit | |
| Source Carcinogen Data | | | Source | Carcinogen Data | |
| OSHA: Select Carcinogen: No | | | OSHA: | • | |
| | | | NTP: | Known Carcinogen: No; Suspected Carcinogen: No | |
| IARC: Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No | | | | | |

This product contains 0.16 percent Quartz.

3. HAZARD IDENTIFICATION

| NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permaner brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents mathermful or fatal. Avoid contact with eyes, skin and clothing. Harmful if inhaled. Causes nose and throat irritation. Vapors may affect the brain or nervous system causing dizzing headache or nausea. Risk of serious damage to eyes. Do not get in eyes. Protective equipment should be selected to provide protection exposure to the chemicals listed in Section 2 of this document. Depending on the site—specific condition of use, singlesses, chemical goggles, and/or head and face protection may be required to prevent contact. The equipment in |
|--|
| headache or nausea. Risk of serious damage to eyes. Do not get in eyes. Protective equipment should be selected to provide protection exposure to the chemicals listed in Section 2 of this document. Depending on the site–specific condition of use, sa |
| exposure to the chemicals listed in Section 2 of this document. Depending on the site-specific condition of use, sa |
| be thouroughly cleaned, or discarded after each use. |
| Skin: Causes skin irritation. May be harmful if absorbed through the skin. |
| Ingestion: Harmful if swallowed. May cause abdominal pain, nausea, vomiting, diarrhea, or drowsiness. |

Chronic Effects:

Possible cancer hazard. Contains an ingredient which may cause cancer based on animal data (See Section 2 and

Section 15 for each ingredient). Risk of cancer depends on duration and level of exposure.

HMIS Rating: Health: 3 Flammability: 3 Reactivity: 0

4. FIRST AID MEASURES

General: Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly

clean or destroy contaminated shoes.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get

medical attention immediately.

Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention

immediately

Respiratory:

Eyes:

Skin: In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately.

Ingestion: If swallowed, immediately contact Poison Control Center at 1–800–854–6813. DO NOT induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to an unconscious person.

5. PROTECTIVE EQUIPMENT AND CONTROL MEASURES

Select equipment to provide protection from the ingredients listed in Section 2 of this document. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates dust, vapor, or mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. FOR USERS OF 3M

RESPIRATORY PROTECTION ONLY: For information and assistance on 3M occupational health and safety products, call OH&ESD Technical Service toll free in U.S.A. 1–800–243–4630, in Canada call 1–800–267–4414. Please do not contact these numbers regarding other manufacturer's respiratory protection products. 3M does not endorse the

accuracy of the information contained in this Material Safety Data Sheet.

Do not get in eyes. Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 2 of this document. Depending on the site–specific condition of use, safety glasses, chemical goggles, and/or head and face protection may be required to prevent contact. The equipment must be thouroughly cleaned, or discarded after each use. Protective equipment should be selected to provide protection from exposure to the

chemicals listed in Section 2 of this document. Depending on the site-specific conditions of use, safety glasses, chemical goggles, and/or head and face protection may be required to prevent contact. The equipment must be

thoroughly cleaned, or discarded after each use.

Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 2 of this Skin/Hand: Depending on the site–specific conditions of use, protective gloves, apron, boots, head and face protection

may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use.

Engineering Controls: Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation.

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential Other Work Practices: exposure. Use good personal hygiene practices. Wash hands before eating, drinking, using toilet facilities, etc.

Promptly remove soiled clothing and wash clothing thoroughly before reuse. Shower after work using plenty of soap

and water.

6. FIRE AND EXPLOSION INFORMATION

Flash Point: F: 44

Fire and Explosion Hazards:

Fire Fighting Procedures:

C: 7

Lower Explosive Limit (LEL): No Established Limit (%vol in air) at Normal Atmospheric Temp and Pressure

Flammable liquid and vapor. FLAMMABLE/COMBUSTIBLE MATERIALS: Will be easily ignited by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and

flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks) creating a vapor explosion hazard. Runoff to sewers may create fire or

explosion hazard. Containers may explode when heated.

CAUTION: This product has a very low flashpoint. Use of water spray when fighting fire may be inefficient. SMALL FIRES: Use dry chemical, CO2, water spray or alcohol–resistant foam. LARGE FIRES: Use water spray, fog, or alcohol–resistant foam. Do not use straight streams. Move containers from fire area if you can do so without risk. Runoff from fire control may cause pollution. Dike fire control water for later disposal. Do

not scatter the material.

Also Reference Emergency Response Guide Number: 127

7. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid White

pH: No Established Limit

Specific Gravity: 1 445199

Boiling Point (F): No Established Limit Vapor Density: Heavier than air

VOC Content (lbs): Refer to the Technical Data Sheet for this product.

Evaporation Rate: Slower than ether VOHAP content (gm/litre of paint):23.70 (as supplied) VOHAP content (gm/litre of Solid

52.53 (as supplied)

Coating):

STABILITY AND REACTIVITY DATA 8.

This product is stable and hazardous polymerization will not occur. Not sensitive to mechanical impact. Excessive General:

heat and fumes generation can occur if improperly handled.

Incompatible Materials: Strong oxidizing agents.

May produce hazardous fumes when heated to decomposition as in welding. Fumes may produce Carbon Hazardous Decompostion:

Dioxide and Carbon Monoxide.

HANDLING AND STORAGE 9.

Storage Temperature: Store between 40-100F (4-38C).

Handling and Storage Precautions:

Keep away from heat, sparks and flame. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Vapors may cause flash fire or ignite explosively. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. Do not get in eyes, on skin or clothing. Close container after each use. Wash thoroughly after handling.

TOXICOLOGICAL DATA 10.

General:

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. No additional information provided for this product. See Section 2 for chemical specific data.

ECOLOGICAL DATA 11.

General:

Public Safety:

Not Defined No additional information provided for this product. See Section 2 for chemical specific data.

ELIMINATE ALL IGNITION SOURCES (no smoking, flares, sparks or flames in immediate area). Use only

ACCIDENTAL RELEASE MEASURES 12.

non-sparking equipment to handle spilled material and absorbent. Do not touch or walk through spilled material. Spill Response Procedures: Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas. A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand, or other non-combustible material and transfer to containers. Use non-sparking tools to collect absorbed material.

CALL CHEMTREC at (800)-424-9300 for emergency response. Isolate spill or leak area immediately for at least 25 to 50 meters (80 to 160 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. LARGE SPILLS: Consider initial downwind evacuation for at

least 300 meters (1000 feet).

Also, Reference Emergency Response Guide Number: 127

DISPOSAL CONSIDERATION 13.

Dispose of in accordance with local, state and federal regulations. (Also reference RCRA information in Section Waste Disposal: 15 if listed).

14. TRANSPORTATION INFORMATION

| DOT (Domestic | Surface Transportation) | IMO / IMDG (Ocean Transportation) | | |
|---------------------------------|-------------------------|-----------------------------------|--------------------------------------|--|
| DOT Proper Shipping Name: PAINT | | IMDG Proper Shipping N PAINT | Name: | |
| DOT Hazard Class: | 3 | IMDG Hazard Class: | 3 - Flammable and Combustible liquid | |
| UN / NA Number: | UN 1263 | UN Number: | UN 1263 | |
| DOT Packing Group: | III | IMDG Packing Group: | III | |
| CERCLA/DOT RQ: | 577 gal. / 6944 lbs. | System Reference Code | 9:2 | |

| 15. | REGULATORY INFORMATION |
|--|---|
| Regulatory Overview: | The regulatory data in Section 15 is not intended to be all–inclusive, only selected regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory. Note: Any chemical ingredients listed in Section 15, that do not also appear in Section 2, are contained in the product at a concentration below the applicable OSHA threshold level of 1% or 0.1%. |
| WHMIS Classification: | No Established Limit |
| Regulatory List | Product Ingredients on List |
| DOT Marine Pollutants (10%): (No Product Ingredients Listed) | Troduct ingredients on List |
| DOT Severe Marine Pollutants (1%): (No Product Ingredients | |
| Listed) EPCRA 311/312 Chemicals and RQs (>.1%): | |
| 0000100-41-4 0000078-93-3 0000123-86-4 0000071-36-3 0001330-20-7 | Benzene, ethyl-: 1000 lb final RQ; 454 kg final RQ Butanone: 5000 lb final RQ; 2270 kg final RQ BUTYL ACETATE: 5000 lb final RQ; 2270 kg final RQ Butanol: 5000 lb final RQ; 2270 kg final RQ Xylenes (o-, m-, p- isomers): 100 lb final RQ; 45.4 kg final RQ |
| EPCRA 302 Extremely Hazardous (>.1%): | |
| 0000100-41-4 0000067-63-0 0000071-36-3 0001330-20-7 | Benzene, ethyl- Isopropyl alcohol Butanol Xylenes (o-, m-, p- isomers) |
| Mass RTK Substances (>1%): 0000067-63-0 0001332-58-7 | Isopropyl alcohol Kaolin |
| 0001317-65-3 0000078-93-3 0000123-86-4 0000071-36-3 0000107-98-2 | Limestone Butanone BUTYL ACETATE Butanol Propylene glycol monomethyl ether |
| 0013463–67–7 0001330–20–7 Mass Extraordinarily Haz Sub (>.01%): | Titanium dioxide Xylenes (o-, m-, p- isomers) |
| 0014808-60-7 0014464-46-1 Penn RTK Substances (>1%): | Quartz Silica, cristobalite |
| 0000067–63–0 0001332–58–7 | Isopropyl alcohol Kaolin |

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0001317-65-3
                               Limestone
  0000078-93-3
                               Butanone
  0000123-86-4
                               BUTYL ACETATE
  0000071-36-3
                               Butanol
  0000107-98-2
                               Propylene glycol monomethyl ether
  0013463-67-7
                               Titanium dioxide
  0001330-20-7
                               Xylenes (o-, m-, p- isomers)
Penn Special Hazardous
Substances (>.01%):
     (No Product Ingredients
Listed)
Rhode Island Hazardous
Substances (>.1%):
  0000100-41-4
                               Benzene, ethyl-
  0000067-63-0
                               Isopropyl alcohol
  0001332-58-7
                               Kaolin
  0001317-65-3
                               Limestone
  0000078-93-3
                               Butanone
  0000123-86-4
                               BUTYL ACETATE
  0000071-36-3
                               Butanol
  0000107-98-2
                               Propylene glycol monomethyl ether
  0014808-60-7
                               Quartz
  0013463-67-7
                               Titanium dioxide
  0001330-20-7
                               Xylenes (o-, m-, p- isomers)
RCRA Status (%):
  0000078-93-3
                              Butanone: 5.28
N.J. RTK Substances (>1%):
  0000067-63-0
                               Isopropyl alcohol
  0000078-93-3
                               Butanone
  0000123-86-4
                               BUTYL ACETATE
  0000071-36-3
                               Butanol
  0000107-98-2
                               Propylene glycol monomethyl ether
                               Titanium dioxide
  0013463-67-7
  0001330-20-7
                               Xylenes (o-, m-, p- isomers)
N.J. Special Hazardous
Substances (>.01%):
  0000100-41-4
                               Benzene, ethyl-
  0000067-63-0
                               Isopropyl alcohol
  0000123-86-4
                               BUTYL ACETATE
  0000071-36-3
                               Butanol
                              Triethylene tetramine
  0000112-24-3
  0001330-20-7
                               Xylenes (o-, m-, p- isomers)
N.J. Env. Hazardous Substances
(>.1%):
  0000100-41-4
                               Benzene, ethyl-
  0000067-63-0
                               Isopropyl alcohol
  0000071-36-3
                               Butanol
  0001330-20-7
                               Xylenes (o-, m-, p- isomers)
Proposition 65 - Carcinogens
(>0%):
  0000100-41-4
                               Benzene, ethyl-
  0014808-60-7
                               Quartz
Proposition 65 - Female Repro
Toxins (>0%):
     (No Product Ingredients
Listed)
Proposition 65 - Male Repro
Toxins (>0%):
     (No Product Ingredients
Listed)
Proposition 65 - Developmental
Toxins (>0%):
     (No Product Ingredients
Listed)
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FOR PROFESSIONAL USE ONLY

IMPORTANT NOTE The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advice given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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